

US Science Education: The Big Picture

FRAMEWORK —> STANDARDS —> CURRICULA

Messages —> Methodology —> Mechanics

Messages {[Framework](#)} —

Climate Change is an immanent threat to our existence;
Fossil Fuels are bad for Climate Change and the planet;
Renewables are good for Climate Change and the planet;
Etc.

Methodology {[Standards](#)} —

Grade 1: Introduce the concepts of Climate and Climate Change, and how the planet is endangered by it...
Grade 2: Explain what Fossil Fuels are and why they harm climate and the planet...
Grade 3: Explain what Renewables are and how they help the climate and the planet...
Etc.

Mechanics {[Curricula](#)} —

Grade 1: Introduce the concepts of Climate and Climate Change using a state approved comic book...
Grade 2: Explain what Fossil Fuels are and why they harm climate using videos...
Grade 3: Explain what Renewables are and how they help the climate by having a presentation by a wind developer...
Etc.

A short video promoting the Framework, by one of its authors (2013):

[Science Unscrambled: A Framework for K-12 Science Education](#)

[Why does the framework for a "new generation" of science standards need to be revised?](#) where the author thinks the Framework should go further Left.

[Common Core and K-12 Science Education — Could This be a Start to Climate Youth?](#)